

1 The dry methane 115 is delivered to the
2 pipeline. The CO₂, H₂S and sulfur compounds 116 are
3 delivered for re-injection or treatment.

4 The system's primary benefits are:

- 5 • Compact size resulting from centrifugal
6 processing.
- 7 • Maximization of the recovery of natural
8 gas liquids (NGL).
- 9 • Low energy consumption (or energy
10 production).
- 11 • Reduction of the balance of plant.
- 12 • Reduction of chemical requirements.
- 13 • Portability.
- 14 • Marinization potential for subsea
15 application.

16 { --As stated above, the feed gas may consist of a mixture
17 of methane, CO₂ and any other gas species. In this regard, it is
18 contemplated that the gas to be separated from CO₂, i.e. has linear
19 molecular weight. One such gas species is hydrogen.-- }
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